DM-10/2003

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	To the same		IN THE UNITED STATES PA	TENT AN	ATTORNEY DO D TRADEMARK OFI	CKET NO: <u>KCX-842 (1955)</u> FICE
In re	e Appli	ation of	Boga, et al.	)	Group Art Unit:	1645
Seri	al No:		10/687,327	)	Examiner:	Unknown
File	d:	•	October 16, 2003	)	Our Account No:	
Con	firmatio	on No:	8506	) )	Customer No:	04-1403
Title	: Meth Odor	od And I s And He	Device For Detecting Ammonia Elicobacter Pylori Urease Infection	) ) )	Customer 140.	22827
U.S. Post	Patent : Office !	ner for Pa and Trad Box 1450 VA 223	emark Office			·
Sir:						
Γhe f 56,	ollowin 1.97, a	ng is an I nd 1.98.	nformation Disclosure Statement for the	captioned	patent application, purs	suant to 37 CFR Sections
.[x]	Atta	ched here	eto is:		•	
	a.[x]	A list	of materials for consideration per Rule	98(a)(1)·	3 nage(a)	
	b.[x]	A leg	ible copy of each patent, publication, or d/or as indicated on the attached list(s): item(s)			, unless not required per Rule
	c.[ ]	For eathereo	ich <u>non-English language item listed, pu</u> f as it is presently understood by the induted it of such items:	rsuant to R lividual des	ule 98(a)(3), a concise of signated in Rule 56(c) m	explanation of the relevance lost knowledgeable about the
		[] Sucalong	ch explanation is provided in the Search with any enclosed translation into Engli	Report from	m a corresponding appli	cation enclosed herewith
[x]	This I		on Disclosure Statement is being filed [0		NEI:	
	a.[x]	WITH after a	IN THREE MONTHS of the application request for continued examination, OR which ever event occurs last, WHEREI ired.	n filing date	e, national stage date of	entry, or along with or t Office Action on the or Rule 97(e) certificate
	b.[ ]	AFTER action (ONE):	R the time periods of section 2.a above, that otherwise closes prosecution, WHE	but BEFOF REFORE I	RE a Final Action, Notice PER Rule 97(c) submitte	ee of Allowance <u>OR</u> an ed herewith is [CHECK
		i.[ ]	Certification per Rule 97(e); OR			
		ii[ ]	Filing Fee per Rule 17(p)			\$180.00 °
	c.[ ]	AFTER Rule 97	a Final Action <u>OR</u> Notice of Allowance (d) submitted herewith is:	e, but BEF	ORE payment of the iss	ue fee, WHEREFORE per
		i.	Certification per Rule 97(e); AND			
		ii.	Filing fee per Rule 17(p)	••••••		\$180.00
]	Rule 97		fication; per Rule 97(e), the undersigned			

2.

- 3.[]
  - That each item of information contained in this Information Disclosure Statement was first cited in a a.[ ] communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
  - That no item of information contained in this Information Disclosure Statement was cited in a foreign patent b.[ ] office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

		inquiry, was known to any individual designate this statement.	d in Rule 56(c) more than three months prior to the filing of
		made by signer per signature below).  Name:	n signature; omission here indicates that certification is being Signature:
		Address:	Date:
4.[x]	herewi now or overpa	ized hereafter, or any fees in addition to the fee(s) th or concerning any paper filed hereafter, and what hereafter relative to this application and the resu	missioner is hereby authorized to charge any fee specifically filed, or asserted to be filed, or which should have been filed nich may be required under Rules 16-18 (deficiency only) lting official document under Rule 20, or credit any hereof for which purpose a duplicate copy of this sheet is see issue fee in this case.
5.[x]	CERT	IFICATE OF MAILING: This Information Discle PLETE ONE]:	osure Statement is being filed pursuant to [CHECK AND
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Telepho	one: 86	4-271-1592	
Facsim	ile: 864	1-233-7342	Reg. No: 50,244
			Signature: Sanstrie Hangelow

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<i>E</i> )						
Preya 5/929	Attorney Docket Number:	Serial Number:				
Information Disclosure Statement List	KCX-842 (19559)	10/687,327				
By Applicant(s)	Applicant:	<del>L., </del>				
Under 37 CFR Section 1.98(a) (1)	Boga, et al.					
(Use several sheets if necessary)	Filing Date:	Group Art Unit:				
	October 16, 2003	1645				
	Confirmation No:					
	8506					

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:

USSN \_\_\_\_\_\_, filed \_\_\_\_\_, or USSN \_\_\_\_\_\_, filed \_\_\_\_\_;

Relied on under 35 U.S.C. Section 120, per Rule 98(d)

- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

EXAMINER INITIALS	PATENTEE NAME	PA	TENT	NU	MBE	R			ISSUE DATE	COPY NOTE
	Davis	R	E	3	0	7	9	7	11/17/1981	5
	Davis	R	Е	3	0	8	0	3	11/24/1981	5
-	Tratnyek	4	4	0	7	9	6	0	10/04/1983	5
	Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
	Watanabe, et al.	4	9	8	8	5	0	5	01/29/1991	5
	Kavassalis, et al.	5	2	0	9	9	9	8	05/11/1993	5
	Abe, et al.	5	3	4 :	2	8	7	6	08/30/1994	5
	Law, et al.	5	3	9	7	6	6	7	03/14/1995	5
	Spencer, et al.	5	4	2	0	0	9	0	05/30/1995	5
	Spencer, et al.	5	4	8	7	9	3	8	01/30/1996	5
	El-Shall, et al.	5	5	8	0	6	5	5	12/03/1996	5
	Matijevic, et al.	5	8	7	1	8	7	2	02/16/1999	5
	Abe, et al.	5	9	8	9	5	1	0	11/23/1999	5
	Spencer, et al.	6	1	7	2	1	7	3	01/09/2001	5
	Weinstrauch	6	1	7	7	6	0	8	01/23/2001	5
	Law, et al.	6	1	9	0	8	1	4	02/20/2001	. 5
	Oldenburg, et al.	6	3	4	4	2	7	2	02/05/2002	5
	Hoshino, et al.	6	3	5	8	5	3	7	03/19/2002	5
	Wellinghoff, et al.	6	4	1	0	7	6	5	06/25/2002	5
	Bosch, et al.	_ 6	4	2	8	8	1	4	08/06/2020	5
	Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
	Tan, et al.	6	5	4	8	2	6	4	04/15/2003	5
	Raymond, et al.	6	5	7	8	5	2	1	06/17/2003	5

U.S. PATENT	APPLICATION PUBLICAT	NOI	IS		-					
EXAMINER INITIALS	APPLICANT'S NAME	PU	BLIC	CATI	ON	NUN	ивеі	R	PUBLICATION DATE	COPY NOTE
	Kolb, et al.	0	1	2	8	3	3	6	09/12/2002	5
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(Rev. 5/92)	Attorney Docket Number:	Serial Number:				
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	October 16, 2003	1645				
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EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER								PUBLICATION DATE	TRA	COPY NOTE		
												YES	NO	N/A	
		EP	0	3	4	8	9	7	8	A2	01/03/1990			X	
		EP	0	4	8	3	5	0	0	Al	05/06/1992			X	
		EP	0	5	1	0	6	1	9	Al	10/28/1992			X	· · · · · ·
		wo	8	9	0	2	6	9	8	Al	04/06/1989			X	
		wo	9	1	1	2	0	2	9	Al	08/22/1991			X	.,,
		WO	9	1	1	2	0	3	0	Αĺ	08/22/1991		,	X	<del></del>
		WO	9	1	1	1	9	7	7	Al	08/22/1991	, , ,		X	-
		wo	9	6	1	9	3	4	6	A2 & A3	06/27/1996			X	

<sup>\*&</sup>quot;NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER	OTHER DOCUMENTS	COPY				
NITIALS	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication					
	Article - Adsorption of Dyes on Nanosize					
	Modified Silica Particles, Guangwei Wu,					
	Athanasia Koliadima, Yie-Shein Her, and					
-	Egon Matijevic, Journal of Colloid and					
	Interface Sciences, Vol. 195, 1997, pp. 222-					
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i	Article - Adsorption of Proteins and					
'	Antibiotics on Porous Alumina Membranes,					
	Yi Hua Ma, Aseem Bansal, and William M.					
	Clark, Fundamentals of Adsorption, Vol. 80,					
	1992, pp. 389-396					
	Product Information Sheet for Snowtex®, 6					
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	Article - Significance of Ammonia in the					
	Genesis of Gastric Epithelial Lesions					
	Induced by Helicobacter pylori: An in vitro					
	Study with Different Bacterial Strains and					
	Urea Concentrations, P. Sommi, V. Ricci, R.					
	Fiocca, M. Romano, K.J. Ivey, E. Cova, E.					
	Solcia, and U. Ventura, Digestion, Vol. 57,					
	1996, pp. 299-304					
	Article – Ammonia vapour in the mouth as a					
	diagnostic marker for Helicobacter pylori					
ļ	infection: preliminary "proof of principle"					
1	pharmacological investigations, C. D. R.					
	Dunn, M. Black, D. C. Cowell, C. Penault,					
	N. M. Ratcliffe, R. Spence, and C. Teare,					
	British Journal of Biomedical Science, Vol.					
	58, 2001, pp. 66-76					

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	Article – Purification and Characterization of Urease from Helicobacter pylori, Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, The Journal of Biological Chemistry, Vol. 265, No. 16, June 5, 1990, pp. 9464-1990  Article – Validation of <sup>13</sup> C-Urea Breath Test for the Diagnosis of Helicobacter Pylori Infection in the Singapore Population, T. S.	
	Chua, K. M. Fock, E. K. Teo, T. M. Ng, Singapore Medical Journal, Vol. 43, No. 8, 2002, pp. 408-411	
	Article – Significance of ammonia produced by Helicobacter pylori, Shigeji Ito, Yoshihiro Kohli, Takuji Kato, Yoshimichi Abe, and Takashi Ueda, European Journal of Gastroenterology & Hepatology, Vol. 6, No, 2, 1994, pp. 167-174	
	Article – Spectrophotometric Assay of Thiols, Peter C. Jocelyn, Methods in Enzymology, Vol. 142, 1987, pp. 44-67	
EXAMINER		DATE CONSIDERED

draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.